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CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

CURRENT STATUS OF BOMBED BRIDGES IN
NORTH VIETNAM

CIA/PIR-65007
JULY 1965



WARNING

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Declass Review by NIMA/DoD

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GROUP I
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CURRENT STATUS OF BOMBED BRIDGES IN
NORTH VIETNAM

This Photo Intelligence Report is a continuing assessment of the status of bombed bridges in North Vietnam. The preliminary effects of the bombing of bridges was studied in CIA/PIR-5007/65, July 1965, where twenty-two bridges were studied.

The thirty-nine bridges included in this study are listed in numerical sequence in the enclosed table. Included within the table is information of the extent of damage to each bridge, compensative action by the North Vietnamese, and the date of photographic coverage. The bridges under study are located on the enclosed map by numbers coinciding with the numerical sequence of the enclosed table. (Figure 1, CIA/IAD/IB-P-624/65)

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM

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NO.	NAME	*TYPE	ROUTE	LOCATION	STATUS	COMPENSATIVE ACTION
1.	Ninh Binh	C	10	201540N-1055920E	One span dropped	New approach constructed Float bridge sections nearby
2.	Dong Phong Thuong	C	1	195836N-1055005E	One span dropped, two damaged	Float bridge upstream
3.	Thanh Hoa	C	1	195012N-1054765E	Repaired	Trafficable for vehicles, track replaced
4.	Thi Long	R		193150N-1054250E	Abutment damaged, approach damaged	Repaired
5.	Qui Vinh	R		191545N-1054120E	One span destroyed, approach damaged	New approach with spur track, piers in river
6.	Phuong Can	H	1	191415N-1054223E	Repaired	Temporary deck span, floating bridge downstream
7.	Iy Nhan	H	1	190022N-1053530E	Two spans destroyed, two spans damaged	Ferry landings improved, pontoon ferry upstream
8.	Dien Chau	R		185820N-1053455E	Two spans destroyed, approach damaged	Approach lightly repaired, abutment repaired
9.	Tem Da	C	1	185654N-1053915E	Two spans destroyed, one span damaged	Ferry site improved slightly, ferry located upstream

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 2

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NO.	NAME	*TYPE	ROUTE	LOCATION	STATUS	COMPENSATIVE ACTION	MSN DATA
10.	Ninh Xe	H	1	183030N-105434OE	One span destroyed	Improved low water ford	
11.	Tho Son	H	1	182722N-1054643E	One span destroyed	Ferry site improved, possible construction material nearby	
12.	Xom Gia	H	1	182502N-1054830E	One span dropped	No change-ferry site	
13.	Kinh Thuong	H		182040N-1055600E	Three spans destroyed	None	
14.	Ha Tinh	H	1	181907N-1055504E	Destroyed	Existing ferry site	
15.	Tho Ngoc	H	1	181413N-1060100E	Three spans destroyed	New ferry crossing	
16.	Kimnac	H	1	181350N-1060220E	Moderate damage	Repaired	
17.	Tu Dung	H	1	181253N-1060650E	Two spans destroyed	Ferry site slightly improved	
18.	Thanh Yen	H	1	173814N-1063125E	Two spans destroyed	Light framework replacing destroyed spans, ferry site improved	
19.	Xom Phuong-West	H	1	173248N-1063303E	Two spans destroyed	None	
	Xom Phuong-East	H	1	173248N-1063303E	Repaired	Four destroyed spans replaced	

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 3

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NO.	NAME	*TYPE	ROUTE	LOCATION	STATUS	COMPENSATIVE ACTION
20.	Dong Hoi	H	1	172725N-1063745E	Two spans destroyed	Ferry
21.	My Duc	H		171345N-1064210E	One span destroyed, one span dropped	Light footbridge down- stream
22.	Ben Pieng Hom	H	7	192210N-1041330E	Two spans destroyed, one span damaged	Ford reactivated
23.	Ben Ca Nan	H	7	192038N-1041615E	Destroyed	Newly constructed ferry site
24.	Khe Kien	H	7	191621N-1042117E	Destroyed	Causeway approach improved, footbridge connecting piers
25.	Cha Lum	H	7	190740N-1044430E	Destroyed	Ford Reactivated
26.	Phuc Thiem	H	7	185771N-1053420E	Destroyed	Approach improved, light pier framework, probable construction material nearby, new footbridge downstream
27.	Vinh Area	H	15	184010N-1053920E	One span destroyed, one span dropped	By-pass roads to small bridge upstream

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 4

NO.	NAME	*TYPE	ROUTE	LOCATION	STATUS	COMPENSATIVE ACTION
28.	Kim Cuong	H	8	182635N-1051430E	One span destroyed	Ford
29.	Near Kim Cuong	H	8	182645N-1051500E	One span destroyed, two spans damaged	Ford
30.	Trai Hoi	C	15	182137N-1053700E	One span destroyed; one span damaged	Abutment and trestle reconstruction
31.	San Dinh	H	82	182403N-1054341E	Destroyed	New by-pass road with new bridge
32.	Bei Duc Thon-NW	H	12	180405N-1054930E	Repaired	Piers end light decking
33.	La Khe Thon	R		180558N-1054925E	Destroyed	Approach lightly repaired
34.	Bei Duc Thon	C	12	180325N-1055020E	Approach destroyed, truss damaged	Ford approach repaired and ford reactivated, new unimproved road by-passing complex
35.	Xom Ca Trang-North	H	12	175715N-1054855E	Destroyed	Ford approach repaired
36.	Xom Ca Trang-South	H	12	175715N-1054855E	One span destroyed	New ford approach

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* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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TABLE OF BOMBED BRIDGES IN NORTH VIETNAM - Page 5

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<u>NO.</u>	<u>NAME</u>	<u>*TYPE</u>	<u>ROUTE</u>	<u>LOCATION</u>	<u>STATUS</u>	<u>COMPENSATIVE ACTION</u>
37.	Xom Thenh	H	12	175430N-1054930E	Abutment damaged, span dropped	Ford reactivated
38.	La Trong	H	12	175100N-1054820E	Destroyed	Ford reactivated
39.	Don Bai Dinh	H	12	174540N-1054640	Destroyed	Ford reactivated, new approach to new crossing site

* NOTE: R-Rail Bridge, H-Highway Bridge, C-Combination Bridge

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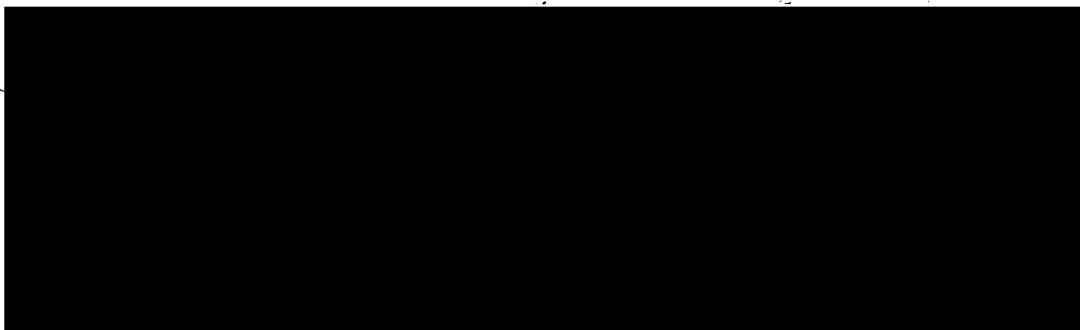
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REFERENCES

PHOTOGRAPHY

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MAPS OR CHARTS

Annotated Locator Map (Indochina Terrain and Transportation
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REQUIREMENT

CIA, C-RR5-82,800

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